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SEQUENCE LISTING

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Liang, Shan-Guang

Van Der Spek, Petrus Johannes

<120> Novel Mammalian G-Protein Coupled
Receptors Having Extracellular Leucine Rich Repeat Regions

<130> STAN-084

<140> 09/647,067

<141> 2000-09-25

<150> PCT/US99/06573

<151> 1999-03-25

<150> 60/079,501

<151> 1998-03-26

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Lys Met Thr Ser Gln Tyr Pro Phe Glu Ala Glu Thr Pro Glu Cys Leu
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Val Gly Ser Val Pro Val Gln Cys Leu Cys Gln Gly Leu Glu Leu Asp
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Cys Asp Glu Thr Asn Leu Arg Ala Val Pro Ser Val Ser Ser Asn Val
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Thr Ala Met Ser Leu Gln Trp Asn Leu Ile Arg Lys Leu Pro Pro Asp
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Thr Lys Leu Tyr Leu Ser His Asn Arg Ile Thr Phe Leu Lys Pro Gly
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Pro Leu Cys Gln His Met Pro Arg Leu His Trp Leu Asp Leu Glu Gly
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Leu Ser His Ile Tyr Phe Lys Lys Phe Gln Tyr Cys Gly Tyr Ala Pro
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His Val Arg Ser Cys Lys Pro Asn Thr Asp Gly Ile Ser Ser Leu Glu
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 Gly Val Asp Asp Cys Gly Asn Gln Ala Asp Glu Asp Asn Cys Val Val
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 Lys Pro Phe Thr Ser Val Pro Ser Val Ser Ser Asn Val Thr Ala Met
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 Ser Leu Gln Trp Asn Leu Ile Arg Lys Leu Pro Pro Asp Cys Phe Lys
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 Asn Tyr His Asp Leu Gln Lys Leu Asp Leu Gln Asn Asn Lys Ile Thr
 115 120 125
 Ser Ile Ser Ile Tyr Ala Phe Arg Gly Leu Asn Ser Leu Thr Lys Leu
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 Tyr Leu Ser His Asn Arg Ile Thr Phe Leu Lys Pro Gly Val Phe Glu
 145 150 155 160
 Asp Leu His Arg Leu Glu Trp Leu Ile Ile Glu Asp Asn His Leu Ser
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 Arg Ile Ser Pro Pro Thr Phe Tyr Gly Leu Asn Ser Leu Ile Leu Leu
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 Val Leu Met Asn Asn Val Leu Thr Arg Leu Pro Asp Lys Pro Leu Cys
 195 200 205
 Gln His Met Pro Arg Leu His Trp Leu Asp Leu Glu Gly Asn His Ile
 210 215 220
 His Asn Leu Arg Asn Leu Thr Phe Ile Ser Cys Ser Asn Leu Thr Val
 225 230 235 240
 Leu Val Met Arg Lys Asn Lys Ile Asn His Leu Asn Glu Asn Thr Phe
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 Glu Asn Leu Pro Pro Leu Ile Phe Lys Asp Leu Lys Glu Leu Ser Gln
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 Asp Tyr Leu Val Lys Leu Lys Ser Leu Ser Leu Glu Gly Ile Glu Ile
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 Ile Tyr Phe Lys Lys Phe Gln Tyr Cys Gly Tyr Ala Pro His Val Arg

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Ala Ser Ile Ile Gln Arg Val Phe Val Trp Val Val Ser Ala Val Thr		
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Cys Phe Gly Asn Ile Phe Val Ile Cys Met Arg Pro Tyr Ile Arg Ser		
385	390	395
Glu Asn Lys Leu Tyr Ala Met Ser Ile Ile Ser Leu Cys Cys Ala Asp		
405	410	415
Cys Leu Met Gly Ile Tyr Leu Phe Val Ile Gly Gly Phe Asp Leu Lys		
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Phe Arg Gly Glu Tyr Asn Lys His Ala Gln Leu Trp Met Glu Ser Thr		
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His Cys Gln Leu Val Gly Ser Leu Ala Ile Leu Ser Thr Glu Val Ser		
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Val Leu Leu Leu Thr Phe Leu Thr Leu Glu Lys Tyr Ile Cys Ile Val		
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Tyr Pro Phe Arg Cys Val Arg Pro Gly Lys Cys Arg Thr Ile Thr Val		
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Ser Asn Lys Glu Phe Phe Lys Asn Tyr Tyr Gly Thr Asn Gly Val Cys		
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Phe Pro Leu His Ser Glu Asp Thr Glu Ser Ile Gly Ala Gln Ile Tyr		
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Ser Val Ala Ile Phe Leu Gly Ile Asn Leu Ala Ala Phe Ile Ile Ile		
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Val Phe Ser Tyr Gly Ser Met Phe Tyr Ser Val His Gln Ser Ala Ile		
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Thr Ala Thr Glu Ile Arg Asn Gln Val Lys Lys Glu Met Ile Leu Ala		
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Ile Phe Val Val Lys Phe Leu Ser Leu Leu Gln Val Glu Ile Pro Gly		
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Ile His Arg Phe Trp Tyr Asn Tyr Arg Gln Arg Lys Ser Met Asp Ser		
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Lys Gly Gln Lys Thr Tyr Ala Pro Ser Phe Ile Trp Val Glu Met Trp		
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Pro Leu Gln Glu Met Pro Pro Glu Leu Met Lys Pro Asp Leu Phe Thr		
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Tyr Pro Cys Glu Met Ser Leu Ile Ser Gln Ser Thr Arg Leu Asn Ser		
705	710	715
Tyr Ser		720